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(54) **Display including a plurality of display panels**

(57) A display allowing further miniaturization when including a plurality of display panels is obtained. This display comprises a first display panel (1,51,81,161, 202,252,302,362,372) formed on a substrate (11,61,91, 121,201,251,301,351,361,371) and a second display panel (2,52,82,162,203,253,303,363,373) formed on

the same substrate (11,61,91,121,201,251,301,351, 361,371) on a region different from that formed with the first display panel. Thus, the display can be further miniaturized as compared with that having a first display panel and a second display panel formed on different substrates.

**FIG.2**

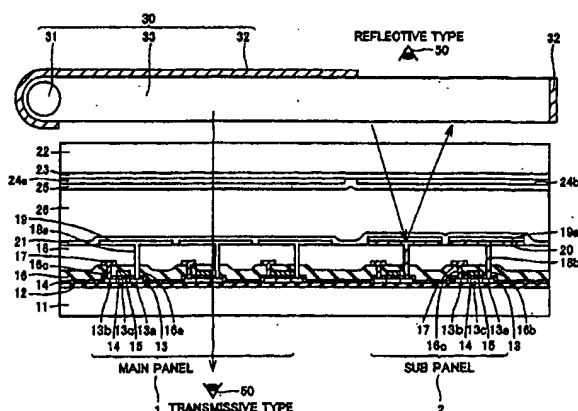
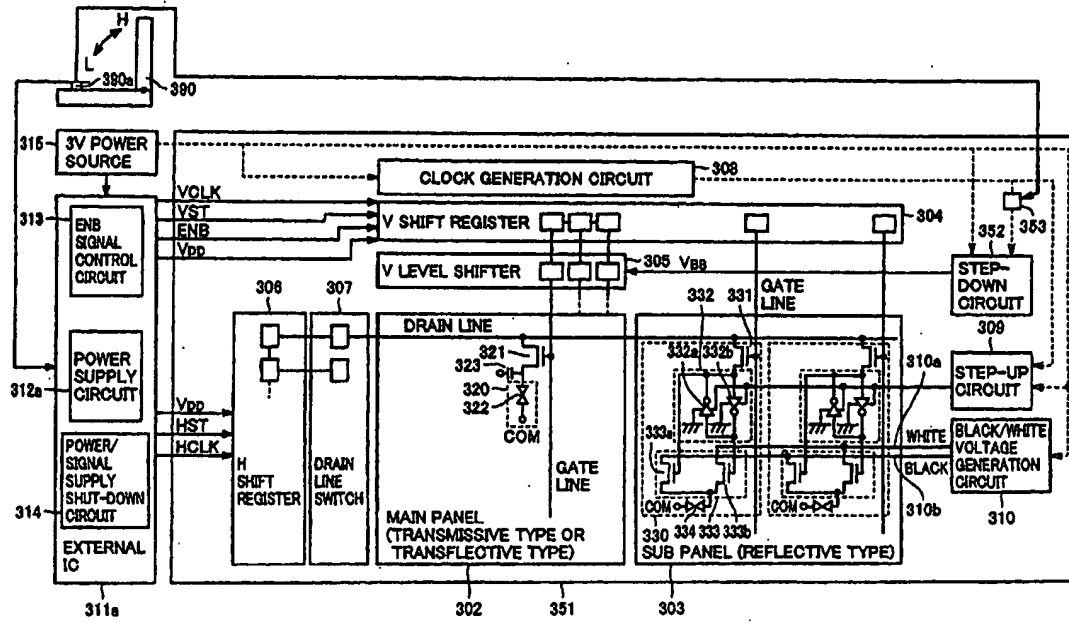


FIG.19





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Y	* abstract; figure 4 *	5,9,10, 23-27,29	G02F1/1335 G02F1/1362 H04M1/02
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	* figure 20 *		
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 April 2004	Examiner Wolfrum, G
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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## EUROPEAN SEARCH REPORT

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Y			
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Place of search Munich		Date of completion of the search 28 April 2004	Examiner Wolfrum, G
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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#### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

#### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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LACK OF UNITY OF INVENTION  
SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-11

A display comprising a first display panel formed on a substrate and a second display panel formed on the same said substrate in a region different from the region formed with said first display panel wherein the reflecting electrode constitutes the pixel electrode.

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2. claims: 1, 12-22

A display comprising a first display panel formed on a substrate and a second display panel formed on the same said substrate in a region different from the region formed with said first display panel wherein the display comprises a first shift register driving the gate lines and a second shift register driving the drain lines of the two display panels and an output shutdown circuit shutting down an output from said first shift register.

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3. claims: 1, 23-29

A display comprising a first display panel formed on a substrate and a second display panel formed on the same said substrate in a region different from the region formed with said first display panel wherein the display comprises a static memory built in said second display panel for holding a signal from said drain line in response to a signal input from the gate line and a signal selection circuit selecting a digital video signal, and a power/signal supply shutdown circuit for shutting down supply of power and a driving signal to signal line driving circuits, and a level shifter for converting the voltage level of a signal supplied to a gate line of the first display panel, and a negative voltage generation circuit formed on the substrate for generating a negative voltage supplied to the level shifter, and a negative voltage supply shutdown circuit for shutting down supply of the negative voltage from said negative voltage generation circuit to said level shifter when the static memory of the second display panel holds the signal.

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4. claims: 1, 30-36

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LACK OF UNITY OF INVENTION  
SHEET B

Application Number  
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

A display comprising a first display panel formed on a substrate and a second display panel formed on the same said substrate in a region different from the region formed with said first display panel wherein a signal is scanned at a first scanning frequency on said first display panel, and a signal is scanned at a second scanning frequency smaller than the first scanning frequency on the second display panel, and the first display panel includes a first storage capacitor, and each pixel of the second display panel includes a second storage capacitor having a larger capacitance value than the first storage capacitor.

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